

Subject: Chemistry

Topic: Chemical Bonding

Level: S.3

Learning objectives

Content

Students should be able to explain why a chemical compound can or cannot conduct electricity.

Language

Students should be able to orally explain why a chemical compound can or cannot conduct electricity in a role play activity.

S.3 Chemistry
Chemical Bonding
Worksheet 1 for Student A

Name: _____ Class: _____ No: _____ Date: _____



Pair Work

Role play

Imagine that you are nitrogen trifluoride, talk to your partner and tell him/her whether you can conduct electricity by using the following sentence pattern:

1. I am _____ (name of the compound)
2. I am formed of _____ and _____ (name of the elements)
3. Since I am formed between _____ (type of element) and _____ (type of element), I am a/an _____ compound (type of compound).
4. Electrons are _____ so that I can obtain the _____ of noble gases
5. Therefore I can/cannot conduct electricity

Listen carefully to what your partner says and write it down below.

1. I am _____.
2. I am formed of _____ and _____.
3. Since I am formed between a metal and a non-metal, I am _____ compound.
4. Electrons are transferred so that I can obtain the _____ of noble gases
5. Therefore I _____ conduct electricity

S.3 Chemistry
Chemical Bonding
Worksheet 1 for Student B

Name: _____ Class: _____ No: _____ Date: _____



Pair Work

Role play

Imagine that you are magnesium chloride, talk to your partner and tell him/her whether you can conduct electricity by using the following sentence pattern:

1. I am _____ (name of the compound)
2. I am formed of _____ and _____ (name of the elements)
3. Since I am formed between _____ (type of element) and _____ (type of element), I am a/an _____ compound (type of compound).
4. Electrons are _____ so that I can obtain the _____ of noble gases.
5. Therefore I can/cannot conduct electricity

Listen carefully to what your partner says and write this on your activity sheet.

1. I am _____.
2. I am formed of _____ and _____.
3. Since I am formed between a metal and a non-metal, I am _____ compound.
4. Electrons are transferred so that I can obtain the _____ of noble gases
5. Therefore I _____ conduct electricity

